Schiff Hardin & Waite

Inventor(s) fracken Horst

Sheet of 3 Case No. 113,0360

## 1/3

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SGO Level= X'80', Operation=X'01' (Keep group together as a print unit)
SGO Level= X'60', Operation=X'03' (Save pages)
SGO Level= X'40', Operation=X'03' (Save pages)
SGO Level= X'20', Operation=X'01' (Keep group together as a print unit)
SGO Level= X'20', Operation=X'04' (Finish)
DGB Initiate, Level= X'80', Group ID triplet= [Format= X'02' (VM print-data format)]
   Page1
   DGB Initiate, Level= X'60',
      Group ID triplet= [Format= X'08' Variable-length group ID= "Outer_Document"]
      Page2
      Page3
      DGB Initiate, Level= X'40',
         Group ID triplet= [Format= X'08' Variable-length group ID= "Inner_Document"]
            Page4
            Page5
            Page6
      DGB Terminate, Level= X'40'
      Page7
      Page8
    DGB Terminate, Level= X'60'
    Page9
    DGB Initiate, Level= X'20', Group ID triplet= [Format= X'02' (VM print-data format)]
       Finishing Operation triplet= [Corner staple, Top-left corner]
          Page 10
          Page 11
          Page12
    DGB Terminate, Level= X'20'
    Page13
    Page14
                                                          FIG.1
(PRIOR ART)
    Page15
 DGB Terminate, Level= X'80'
```

Offset	Туре	Name	Range	Meaning	Required
0-1	CODE	Order code	X'0300'	Specify Group Operating (SGO) order code	X'0300'
2	CODE	Operation	X'01'	Keep group together as a print unit	At least one operation
			X'02'	Keep group together for microfilm output	
			X'03'	Save pages	
			X'04'	Finish	
3	UBIN	Group level	X'00'-X'FF'	Group level of Boundary groups to which the operation is to be applied	X'00'-X'FF'

FIG.2 (PRIOR ART)

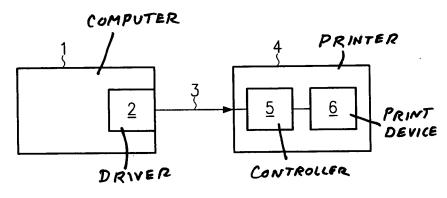


FIG.3
(PRIOR ART)

Rank	Level number	Operation (for example, Print Job)	Operation number
High	F1	Print unit	01
	<b>E4</b>	Finishing	04
	D4	Finishing	04
Low	C1	Print unit(for example, Header Page)	01

FIG.4

Operation number	Level number	
FF	4	
FE	3	
FD	2	
FC	11	
FB	4	
:	:	
08	1	
07	4	
06	3	
05	2	
04	1	
03	4	
02	3	
01	2	
00	1	

FIG.5